

# Notice of Allowability

Application No.

09/517,353

Examiner

Jennifer Doan

Applicant(s)

MOORE, CHAD BYRON

Art Unit

2874

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment after final filed on 03/03/06.
2. ☒ The allowed claim(s) is/are 1-26,29-35,38,39 and 41-47.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

JENNIFER DOAN  
PRIMARY EXAMINER

03/14/06

## **EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE**

### ***Response to Amendment***

1. Applicant's amendment filed on March 3, 2006 has been fully considered and entered.

### ***Reasons for Allowance***

2. Claims 1-26, 29-35, 38, 39 and 41-47 are allowed.

3. The following is an examiner's statement of reasons for allowance:

The prior art of record fails to disclose or reasonably suggest all the limitations recited in claim 1. Specifically, the prior art of record fails to disclose a fiber in an electronic display, wherein the fiber comprises a lens designed into at least a part of the fiber in combination with the other limitations of claim 1.

Claims 2-19 depend from claim 1.

The prior art also fails to disclose or reasonably suggest a fiber for use in an electronic display, wherein an aperture in the fiber such that the aperture is formed by at least one optically absorbing region; wherein the transparent materials form a lens within the fiber and wherein a plurality of alternating high and low index of refraction material regions are formed within the fiber such that the regions redirect light passing through the fiber; wherein light traveling through the lens in the fiber travels orthogonal to a long axis of the fiber; further an aperture in the fiber such that the aperture is formed by at least one optically absorbing or reflecting region in combination with the other limitations of claims 20, 26, 29, 42 and 44.

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Claims 21-25 depend from claim 20.

Claims 31-35 and 41 depend from claim 26.

Claim 30 depends from claim 29.

Claim 43 depends from claim 42.

Claim 45 depends from claim 44.

The prior art also fails to disclose or reasonably suggest subdividing a voltage that creates the appearance of depth in at least one pixel location between more than one of the electrodes in the at least one pixel location such that the appearance of depth is perceived by a viewer to be between either appearance of depth created by applying the voltage to any one of the electrodes in combination with the other limitations of claim 38.

Claim 39 depends from claim 38.

The prior art also fails to disclose or reasonably suggest an electronic display comprising at least one fiber including a wire electrode to carry a majority of a current along a length of the fiber and a transparent electrode connected to the wire electrode to spread a charge from the wire electrode across a portion of a surface of the fiber in combination with the other limitations of claim 46.

Claim 47 depends from claim 46.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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**Conclusion**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer Doan whose telephone number is (571) 272-2346. The examiner can normally be reached on Monday to Thursday from 6:00am to 3:30pm, second Friday off.

5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rodney Bovernick can be reached on (571) 272-2344. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JD

March 14, 2006



JENNIFER DOAN  
PRIMARY EXAMINER